NITTTR BHOPAL

AP-1/2024-2025
Advanced Pedagogy
14-10-2024 to 18-10-2024
NITTTR Bhopal

Learn Online with New Digital Learning Platform: e-Prashikshan

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https://erp.nitttrbpl.ac.in/poc2024/?id=regAP-1

Rationale

In the changing era of global economies, emerging technologies, and exponential growth in information are transforming our society. due to which new and innovative literacies are becoming part of the educational landscape. There is a growing need for equipping practising teachers with new set of teaching and ICT skills for preparing the 21st century learner, since new ICT educational paradigms are evolving at all levels.

Classroom instructional quality (and its relationship to learning outcomes) can serve as a critical lever for educational change. As a result, the development of teaching competencies known as advanced pedagogy skills are garnering increasing attention as a means of refining teacher instructional quality.

Considering the rising demand for equipping practicing teachers with 21st century skills, advanced pedagogy training programme aims to equip teachers with relevant pedagogical competencies including advanced teaching methods, use of ICT tools, creativity techniques and innovative practices in teaching and learning.

Programme Outcomes

i. Interpret the provisions of NEP 2020 and IR 4.0, and their implications for the Technical Education System.
ii. Integrate the various aspects of outcome-based education for effective implementation of the pre-determined learning outcomes.
iii. Select appropriate advanced instructional methods and strategies for attainment of the learning outcomes.
iv. Practice innovative teaching strategies to improve the teaching-learning process;
v. Prepare a plan for industrial training and an industry-based internship.
vi. Select creativity techniques and strategies to enhance students? engagement.
vii. Use technology-enabled learning approaches to enhance the quality of teaching and learning;

Programme Content

NEP 2020: An Introduction, Challenges due to Industrial Revolution 4.0 and 21st Century Skills and IR 4.0
Learning Theories: (Behaviorist, Cognitivist, Constructivist, Connectivism), Domains of Learning, COs formulation
Outcome-based Education: Curriculum, T-L, and Assessment, Overview of Advanced Teaching Methods
Group Discussion and Case Study, Experiential Learning (Action Learning, Enquiry-Based Learning, Reflective Learning, and Collaborative Learning),Project-based and problem-based learning,Flipped classroom and blended learning, Planning, organizing, and assessing industrial training and internships, Creativity Techniques: Individual and Group Based Learning

Target Group

Faculty of all disciplines

Coordinator & Co-Faculty

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